

Figure S1: Topographic overview of averaged ERFs (magnetometers). For the purpose of illustration, NT + Full conditions (with ISIs of 33, 67, 100 and 400ms) have been averaged across ISI value for better signal-to-noise ratio. The lower left plot illustrates sensor averaging. The four faint vertical gray lines mark the temporal positions of the threshold stimuli in the NT + Full condition. Thin lines represent maxfiltered data, thick lines have additionally been smoothed with a moving 100ms window (approximating 10Hz lowpass). Baseline and detrending was performed on [-500 0]ms interval.



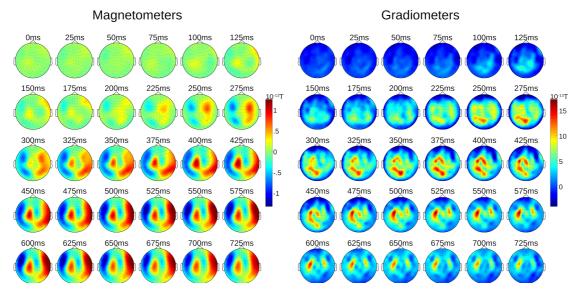
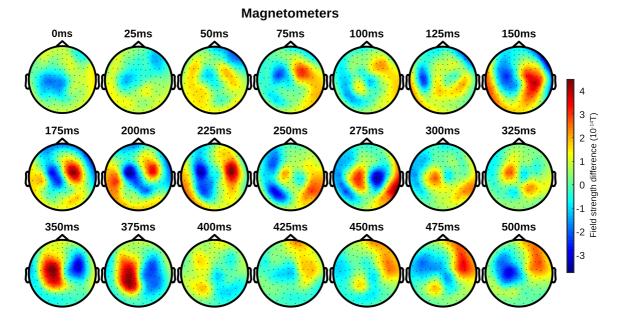


Figure S2: Topographic Time Course. Magnetometers and combined gradiometers, based on the averaged NT + Full conditions. Time values given indicate the central sample of a 25ms window. The average of [-50ms 0ms] has been subtracted for baseline normalization.





Gradiometers 0ms 25ms 50ms 75ms 100ms 125ms 150ms b o b b 9 Pield strength difference (10-13T) 175ms 200ms 225ms 250ms 275ms 300ms 325ms 350ms 375ms 400ms 425ms 450ms 475ms 500ms

Figure S3: Topography of contrast (difference) between Full+Full and NT+Full conditions (Full+Full – NT+Full). The average of [-50ms 0ms] has been subtracted for baseline normalization. Top group: Magnetometers. Bottom group: Combined gradiometers.

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